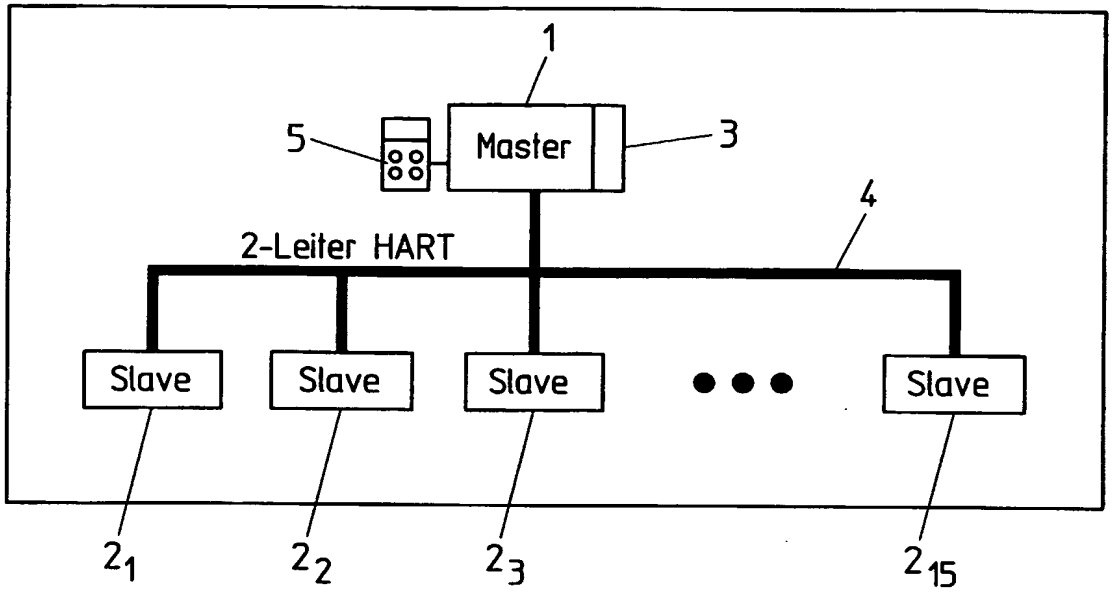

1
5
Master
3
4
2-Leiter HART
Slave
Slave
Slave
Slave
2_1
2_2
2_3
2_{15}

Fig. 1

Fig. 2a

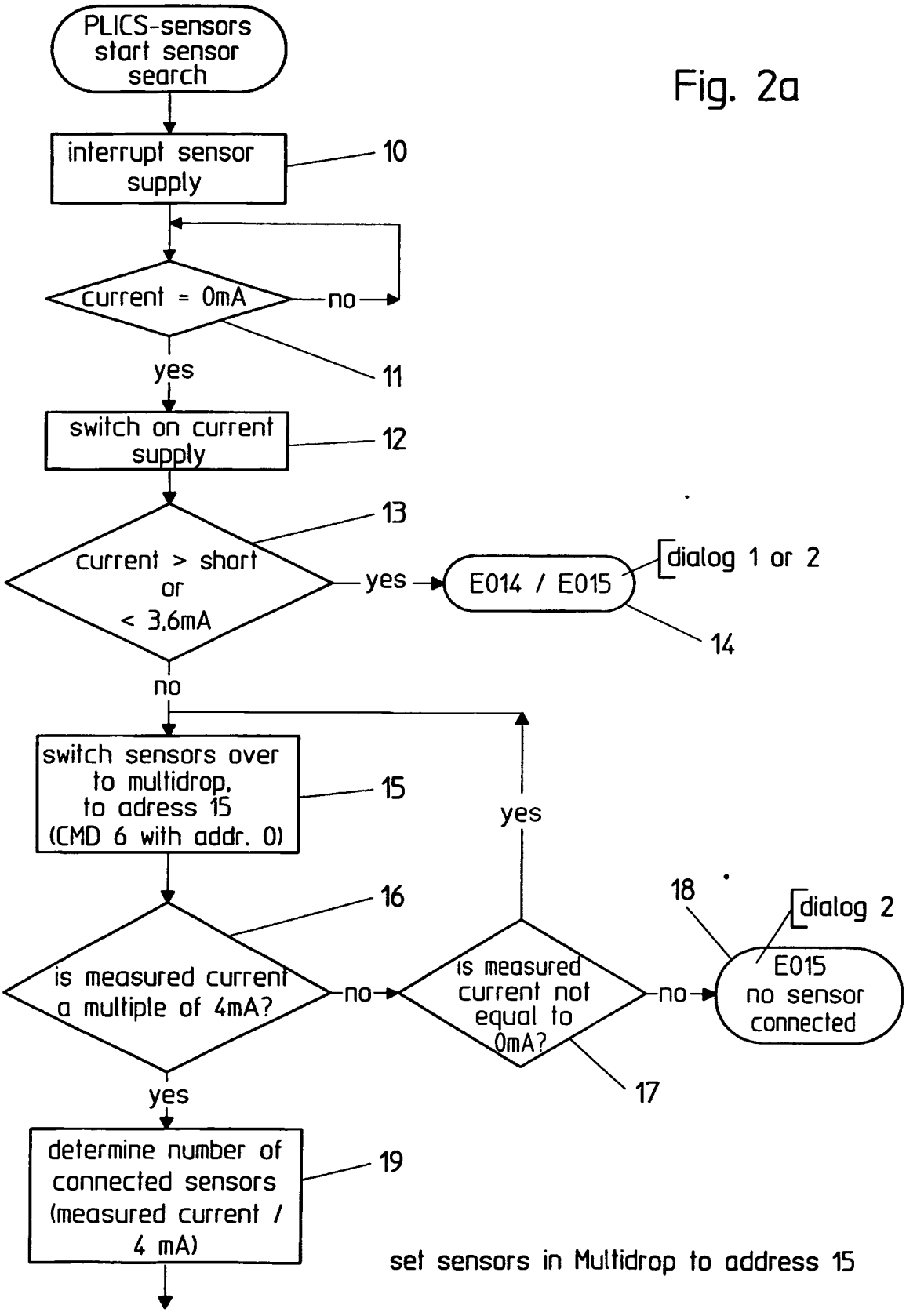
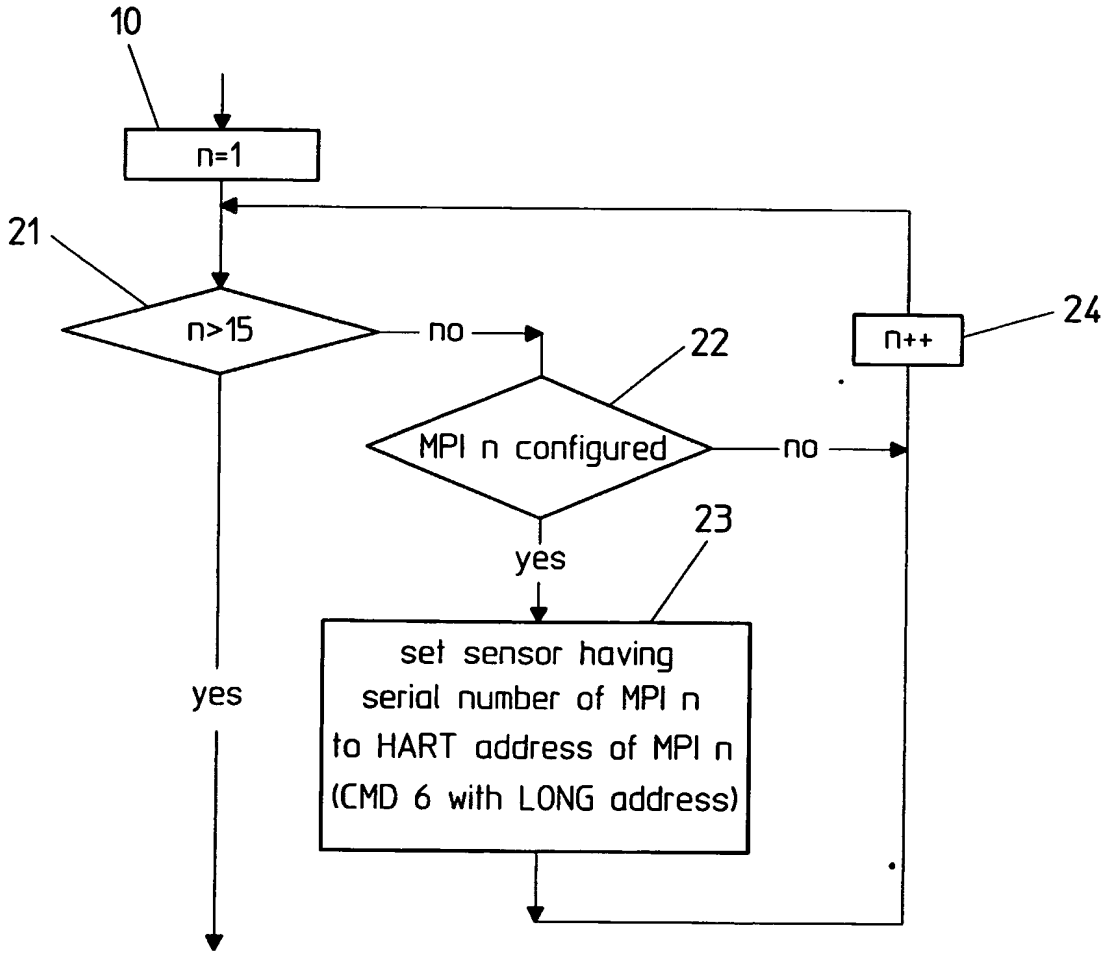
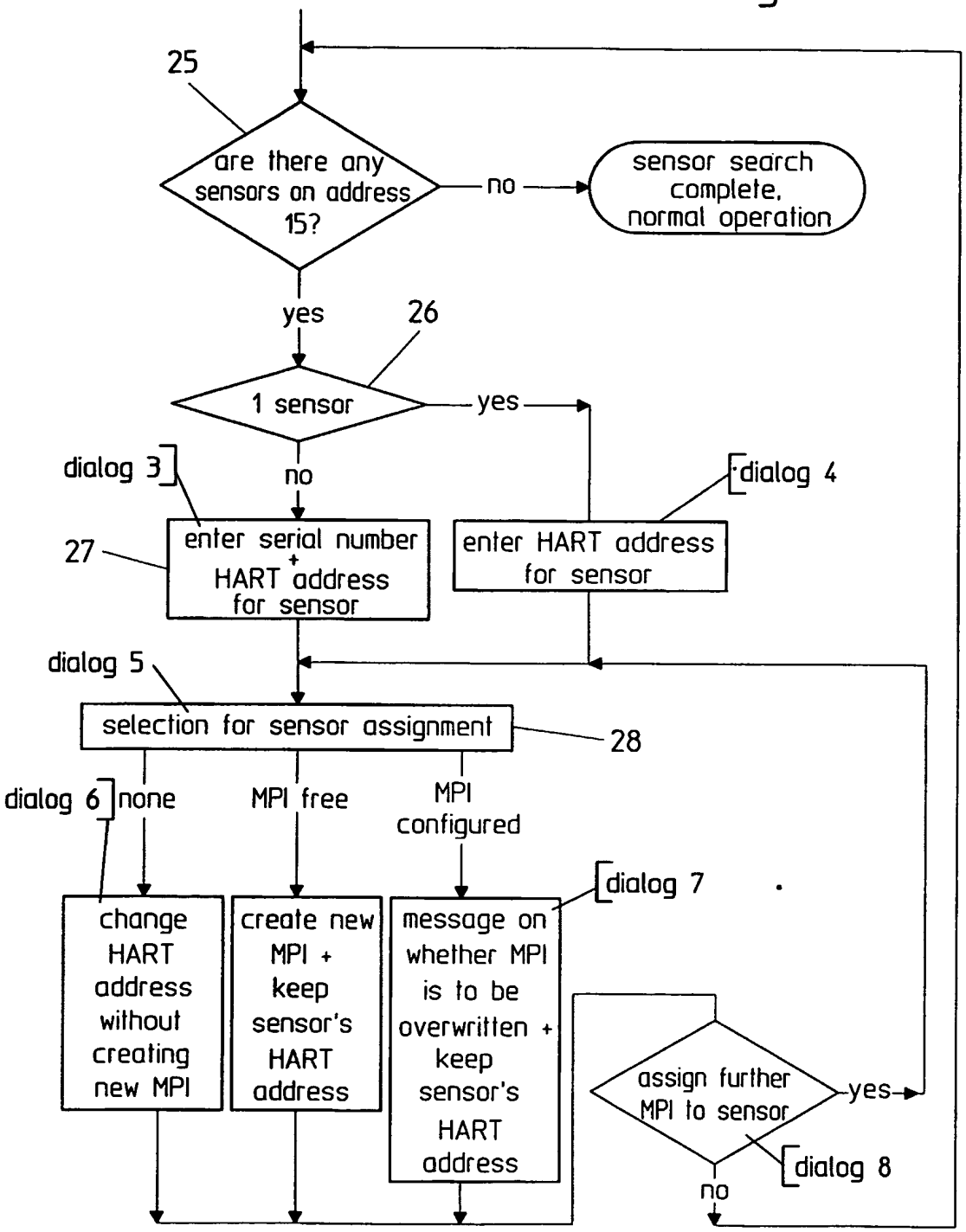

PLICS-sensors start sensor search
interrupt sensor supply
10
current = 0mA
no
11
yes
switch on current supply
12
13
current > short or < 3,6mA
yes
E014 / E015
dialog 1 or 2
14
no
switch sensors over to multidrop, to adress 15 (CMD 6 with addr. 0)
15
yes
16
is measured current a multiple of 4mA?
no
is measured current not equal to 0mA?
no
18
dialog 2
E015 no sensor connected
17
yes
determine number of connected sensors (measured current / 4 mA)
19
set sensors in Multidrop to address 15

Fig. 2b



address configured sensors

Fig. 2c



address free sensors and assign MPI

Fig. 3

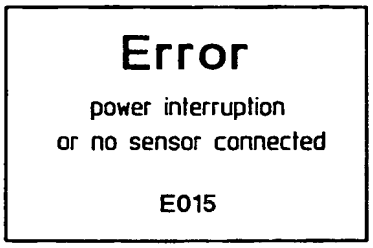


Fig. 4

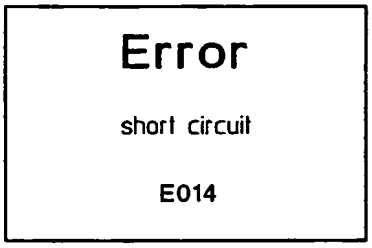


Fig. 5

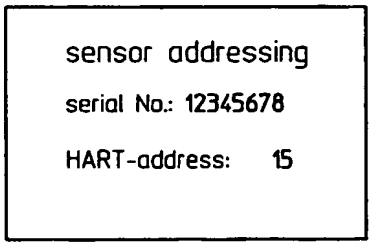


Fig. 6

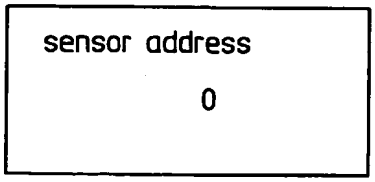


Fig. 7

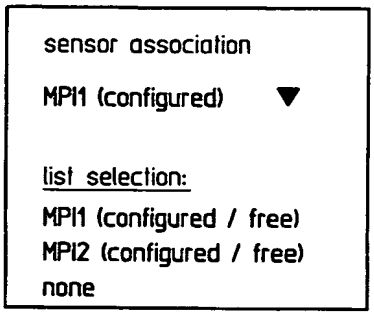


Fig. 8

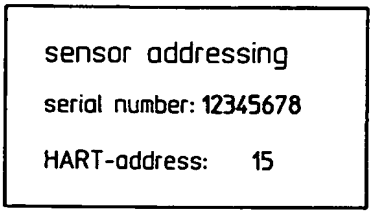


Fig. 9

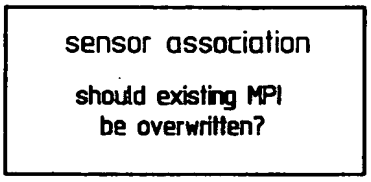
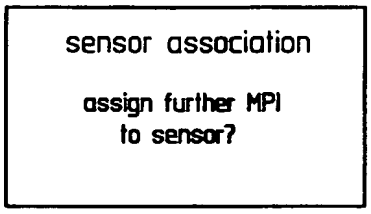

sensor association
should existing MPI be overwritten?

Fig. 10


sensor association
assign further MPI to sensor?